

VHPT 1 - Honokowai Point

Date first used	HONOKOWAI POINT VHPT1-1		Survey Dates								GPS			
			9/4/95	2/20/96	8/13/96	1/8/93	7/7/97	1/13/98	7/8/98	1/13/99	6/28/99			
9/4/95	RP #0	UNCLEAR	BRP1	-	-	-	-	-	-	-	-	-	-	-
8/13/96	RP #1	PK top step	-	-	*BRP1	BRP1	BRP1	BRP1	BRP1	BRP1.1	-	-	-	-
9/4/95	RP #2 **	PK 3rd step	FRP1	-	FRP1	FRP1	FRP1	FRP1	FRP1	FRP1.1	-	-	-	-
1/13/99	RP#10	PK in top stair	-	-	-	-	-	-	-	-	-	*BRP1	BRP1	-
1/13/99	RP#11	mid bottom 4th stair	-	-	-	-	-	-	-	-	-	*FRP1	FRP1	-
	Start of Line		BRP1	no line taken	base steps	Indwd.showers	BRP	swd.showers	BRP	ldwd.pool patio	south edge shower			
	LINE-UP	N side of stairs	-	-	-	-	-	-	-	-	-	-	-	-
	bearing		-	-	282°	-	-	-	302°	298°	?	-	299	-
Date first used	HONOKOWAI POINT VHPT1-2		Survey Dates								GPS			
			9/3/91	2/19/92	8/12/92	1/8/93	7/6/93	1/12/94	7/7/94	1/12/95	6/27/95			
9/4/95	RP #3 ***	X in walkway	BRP2	BRP2	BRP2	BRP2	BRP2	BRP2	BRP1.2	BRP2	BRP2	-	-	-
9/4/95	RP #4	PK base palm	FRP2	FRP2	FRP2	FRP2	FRP2	FRP2	FRP1.2	FRP2	FRP2	-	-	-
	Start of Line		Indwd.grass	swd.path	Indwd.grass	BRP	BRP	Indwd.path	ON.BRP	LDWD. GRASS	on BRP			
	LINE-UP	RPs	-	-	-	-	-	-	-	-	-	-	-	-
	bearing		-	-	285°	-	-	-	299°	300°	300	-	302	-
Date first used	HONOKOWAI POINT VHPT1-3		Survey Dates								GPS			
			9/3/91	2/19/92	8/12/92	1/8/93	7/6/93	1/12/94	7/7/94	1/12/95	6/27/95			
9/4/95	RP #5 **	PK in crack	BRP3	BRP3	BRP3	BRP3	BRP3	BRP3	BRP1.3	BRP3	FRP3	-	-	-
9/4/95	RP #6	top lightcover	FRP3	FRP3	FRP3	FRP3	FRP3	FRP3	FRP1.3	FRP3	BRP3	-	-	-
	Start of Line		BLDG	swd.edge.path	FRP3	Indwd.wall	-	Indwd.path	ON.FRP	EDGE GRASS	top of grass			
	LINE-UP	light and N side of N palm in front of building	-	-	-	-	-	-	-	-	-	-	-	-
	bearing		-	-	282°	-	-	-	-	290°	291	-	292	-
Date first used	HONOKOWAI POINT VHPT1-4		Survey Dates								GPS			
			9/3/91	2/19/92	8/12/92	1/8/93	7/6/93	1/12/94	7/7/94	1/12/95	6/27/95			
9/4/95	RP #7 **	top mauka post of Nmost stairs	BRP4	BRP4	BRP4 (offline)	BRP4	BRP4	BRP4	BRP1.4	BRP4	BRP4	-	-	-
9/4/95	RP#8a	top 2nd post of Nmost stairs	FRP4	FRP4	offline	-	-	-	-	-	MRP4	-	-	-
8/13/96	RP #8b	top 3rd post of Nmost stairs	-	-	*FRP4	FRP4	FRP4	FRP4	FRP1.4	FRP4	FRP4	-	-	-
	Start of Line		WALL	TOP STEP	Indwd.path	BRP	BRP	BRP	BASE.BRP	TOP STAIRS	swd edge of path			
	LINE-UP	along railing	-	-	-	-	-	-	-	-	-	-	-	-
	bearing		-	-	285°	-	-	-	-	295°	297	-	?	-
7/7/97	RP#9	shower border/path intersection	-	-	-	-	-	GPS1	GPS	-	-	-	-	-
* = new PK nail or other marker														
LOCATION	From Rte 30, turn seaward (at Honokowai sign) at big pink Embassy Suites Hotel Left before Aston Kaanapali Shores sign onto road, NOT parking lot area; go to Z14A shoreline access at turnaround park at end of lot on pink side (on left); Come out on beach at round shower area													
HOR. REF.	Northernmost seaward corner of Pink Embassy Suites "Pyramid"													
	RP#0 unclear, seems to be back by shower, replaced in 8/13/96; line-up is the same													
	RP#1 PK nail on pink flag in wood border on N side of top step leading seaward from shower.													
	RP#2 Nail in wooden border on N side of 3rd step down along staircase heading seaward from shower, next to All Island Activities kiosk.													
	RP#3 "X" etched on landward side of concrete sidewalk in line with palm tree (GPS2)													
	RP#4 Go left from round shower area near parking lot. PK nail 5" up from makai base of palm tree (possibly with surfboard ad)													
	RP#5 PK in crack seaward of 3 palms, at change in path direction. 1 tile (of 3) seaward of mauka edge of path													
	RP#6 Top/center of lightpost cover seaward of 3 palms where path direction changes													
	RP#7 Top/center of middle railing at landward support post of northernmost steps													
	RP#8 Top/center of middle railing at 3rd vertical support post seaward of top of railing/steps: northernmost steps.													
	RP#9 GPS point MM1B: intersection of white concrete shower border and pebbled path leading to parking lot, by bathrooms													
	RP#10 PK in 2*6 wood border mid top stairs													
	RP#11 Mid bottom of 4th stair													
	GPS1 MM1B = RP 9 GCP point (7/7/97)													
	GPS2 HPT2 = RP 3 (7/7/97)													
NOTES:	Set up between lines 1 and 2 to the S of the beach access from the parking lot. Scout RP's before setting up for best visibility													
7/7/97	GPS Survey													
	GPS Positions	Longitude	Latitude	Elevation (meters above local tidal datum)										
	MM1B	-156.690948	20.949179	3.171										
	HPT2	-156.691025	20.949041	3.108										
	*Primary GPS for elevation control; RP3 HPT2 GPS2 (7/97) = 3.108													
	**Primary reference point:													
	LINE 1	RP2/FRP1 = 2.405												
	LINE 2	RP3/BRP2 = 3.108												
	LINE 3	RP5/BRP3 = 2.801												
	LINE 4	RP7/BRP4 = 3.134												
	** ~49 cm discrepancy between GPS surveyed points and EDM surveyed points. Potential problem.													
	HPT2 used as primary control because it is on line VHPT 1-2													